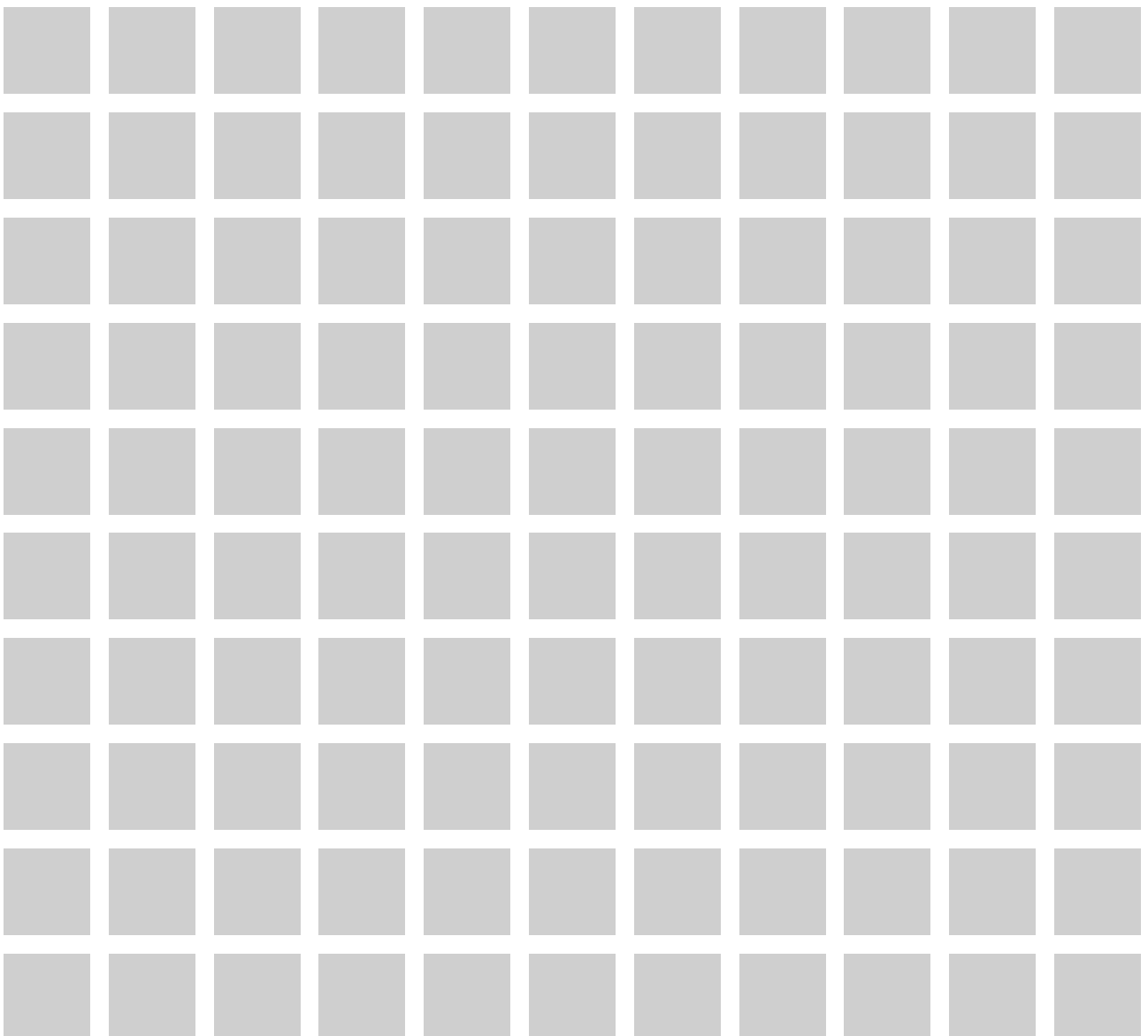


# 3

## Accessories for RWA Control Units



### ORDER DATA

Part.-No.

#### HSE – Break-glass unit main control panel

**Application:** Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a RWA group, for connection in the detector line of a control unit.



#### TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	<b>Surface mounting, plastic (ABS)</b>
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP30
Display:	Emergency OPEN, power, fault
Control elements:	Buttons for emergency OPEN / CLOSE

**ABS**

#### Feature/Equipment

- Lockable, glazed door (including key)
- **Connection to the detector line input**
- HSE orange: **VdS certification no. G 501006**

#### VERSIONS

HSE red	(similar to RAL 3000)	<b>528691</b>		
HSE yellow	(similar to RAL 1018)	<b>528692</b>		
HSE grey	(similar to RAL 7035)	<b>528693</b>		
HSE blue	(similar to RAL 5015)	<b>528694</b>		
HSE orange	(similar to RAL 2011)	<b>528695</b>		

#### HSE-N – Break-glass unit secondary control panel

**Application:** Break-glass unit with indicator and button for the manual control of the emergency open function of a RWA group, for connection in the detector line of a control unit.



#### TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	<b>Surface mounting, plastic (ABS)</b>
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP30
Display:	Emergency OPEN
Control elements:	Button for emergency OPEN

**ABS**

#### Feature/Equipment

- Lockable, glazed door (including key)
- **Connection to the detector line input**
- HSE orange: **VdS certification no. G 501006**

#### VERSIONS

HSE-N red	(similar to RAL 3000)	<b>525001</b>		
HSE-N yellow	(similar to RAL 1018)	<b>525002</b>		
HSE-N grey	(similar to RAL 7035)	<b>525003</b>		
HSE-N blue	(similar to RAL 5015)	<b>525004</b>		
HSE-N orange	(similar to RAL 2011)	<b>525005</b>		

ORDER DATA

Price

	Part.-No.	LZ	PG	[€]
<b>HSE – Break-glass unit main control panel (aluminium housing)</b>				
<b>Application:</b> Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a RWA group, for connection in the detector line of a control unit.				



**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	<b>Surface mounting, aluminium</b>
Dimensions (WxHxD):	125 x 125 x 33 mm
Connections:	Screw terminal, 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP41
Display:	Emergency OPEN, power, fault
Control elements:	Buttons for emergency OPEN / CLOSE

**ALU**

**Feature/Equipment**

- Lockable, glazed door (including key)
- **Connection to the detector line input**

**VERSIONS**

HSE-Alu red	(similar to RAL 3001)	<b>527550</b>			
HSE-Alu yellow	(similar to RAL 1012)	<b>527551</b>			
HSE-Alu grey	(similar to RAL 7035)	<b>527552</b>			
HSE-Alu blue	(similar to RAL 5012)	<b>527553</b>			
HSE-Alu orange	(similar to RAL 2011)	<b>527554</b>			
<b>Protective housing IP54 for break-glass unit HSE-Alu gray – add-on kit</b>		<b>527559</b>			

**HSE – Break-glass unit main control panel - buzzer**

**Application:** Break-glass unit with built-in buzzer and indicators and buttons for the manual control of the emergency open and close functions of a RWA group, for connection in the detector line of a control unit.



**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	<b>Surface mounting, plastic (ABS)</b>
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	Screw terminal, 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP30
Display:	Emergency OPEN, power, fault
Control elements:	Button for emergency OPEN / CLOSE

**ABS**

**SUMMER**

**Feature/Equipment**

- Built-in buzzer
- Lockable, glazed door (including key)
- **Connection to the detector line input**
- Settings via DIP switch: Warning sound in case of fault and / or RWA

**VERSIONS**

HSE red	(similar to RAL 3000)	<b>528711</b>			
HSE yellow	(similar to RAL 1018)	<b>528712</b>			
HSE grey	(similar to RAL 7035)	<b>528713</b>			
HSE blue	(similar to RAL 5015)	<b>528714</b>			
HSE orange	(similar to RAL 2011)	<b>528715</b>			

### ORDER DATA

Part.-No.

#### HSE – Break-glass unit main control panel

**Application:** Break-glass unit with indicators and buttons for the manual control of the emergency open and close functions of a RWA group, for connection in the BUS line of a control unit.



#### TECHNICAL DATA (Rated values)

Operating voltage:	24 V DC
Ambient temperature range:	-5°C ... + 40°C
Housing:	<b>Surface mounting, plastic (ABS)</b>
Dimensions (WxHxD):	130 x 130 x 32 mm
Connections:	BUS terminal, 2 x 0,8 mm <sup>2</sup>
Protection rating:	IP30
Display:	Emergency OPEN, power, fault
Control elements:	Buttons for emergency OPEN / CLOSE
Connection possibility:	Ventilation push button - input Screw terminal, 1,0 mm <sup>2</sup> (rigid wire)

**ABS**

**BUS**

#### Feature/Equipment

- Lockable, glazed door (including key)
- Connection to the detector line input**

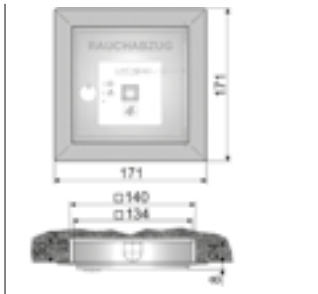
#### VERSIONS

HSE red	(similar to RAL 3000)	<b>528491</b>		
HSE yellow	(similar to RAL 1018)	<b>528492</b>		
HSE grey	(similar to RAL 7035)	<b>528493</b>		
HSE blue	(similar to RAL 5015)	<b>528494</b>		
HSE orange	(similar to RAL 2011)	<b>528495</b>		

#### HSE – Frame for flush mounting

**528015**

**Application:** Flush mounting of break-glass units.



#### TECHNICAL DATA

Housing:	Surface mounting, steel sheet
Dimensions (WxHxD):	171 x 171 x 26 mm
Surface:	powder-coated in light grey w/o structure
Installation Dimensions:	140 x 140 x 30 mm

**ABS**

#### Feature/Equipment

- Suitable for break glass units with plastic housing 130 x 130 x 32 mm

#### Optical BUS-smoke detector

**531530**

**Application:** BUS-smoke detector for the automatic early detection of fire for controlling of the EMERGENCY OPEN function via the BUS detector line of the **EMB 8000+**, with smoke generation in the monitored area.



#### TECHNICAL DATA (Rated values)

Measuring element:	photo electric / scattered light principle
Operating voltage:	12 V DC via BUS
Standby current:	< 110 µA
Housing:	Surface mounting, plastic (ABS), signal white (similar to RAL 9003)
Dimensions (WxHxD):	Ø120 x 60 mm
Connections:	Screw terminals 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP30
Ambient temperature range:	-10°C ... +55°C
Display:	Alarm LED

**BUS**

#### Feature/Equipment

- Fire algorithms for avoiding false alarms, automatic alarm threshold tracking
- According to EN 54-7, Connection to the **BUS detector line input**
- VdS certification no. G 209219**

ORDER DATA

	Part.-No.
<b>Optical smoke detector</b>	<b>531520</b>
<b>Application:</b> Smoke detector for the automatic early detection of fire for controlling of the EMERGENCY OPEN function via a detector line of RWA control units, with smoke generation in the monitored area.	



**TECHNICAL DATA (Rated values)**

Measuring element:	photo electric / scattered light principle
Operating voltage:	8,5 – 33 V DC
Standby current:	< 100 µA
Housing:	Surface mounting, plastic (ABS), pearl white
Dimensions (WxHxD):	Ø100 x 50 mm
Connections:	Screw terminals 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP23D
Display:	Alarm LED

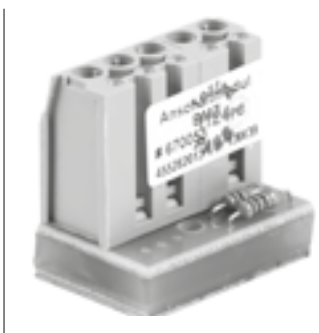
**Feature/Equipment**

- Fire algorithms for avoiding false alarms, automatic alarm threshold tracking
- According to EN 54-7, Connection to the **detector line input**

**ACCESSORIES**

Ball protection (chromed steel grid) e.g. use in sporthalls	<b>513546</b>
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<b>FAS Interface-Module</b>	<b>670053</b>
<b>Application:</b> Module for the automatic control of the emergency open function via volt free contact of a fire alarm system.	



**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC
Standby consumption:	<10 mA
Ambient temperature range:	0 ... +40 °C
Housing:	w/o, equipped circuit board
Dimensions (WxHxD):	27 x 19 x 13 mm
Connections:	Screw terminal 1,5 mm <sup>2</sup> (rigid wire)
FAS contact:	Normal open switch at alarm status

**Feature/Equipment:**

- For connection to **detector line input** of RWA control units, with line monitoring between control unit and module

<b>Drive line end module</b>	<b>670052</b>
<b>Application:</b> For installation in the last or only junction box for the line monitoring of drive line.	



**TECHNICAL DATA (Rated values)**

Operating voltage:	24 V DC (+/-5%)
Standby consumption:	<10 mA
Ambient temperature range:	0 ... +70 °C
Housing:	w/o, equipped circuit board
Dimensions (WxHxD):	27 x 19 x 13 mm
Connections:	3 single cores

**Feature/Equipment**

- For connection into **drive line** of RWA control units

### ORDER DATA

Part.-No.

#### Heat sensitive fire detector

**Application:** Heat detector for the automatic control of the emergency open function of a RWA group of a RWA control unit.



#### TECHNICAL DATA (Rated values)

Measuring element:	Bimetal switch
Operating voltage:	24 V DC
Contact load:	48 V DC / 0,5 A
Standby current:	< 10 mA
Housing:	Surface mounting, plastic (ABS), white
Dimensions (WxHxD):	Ø56 x 77 mm
Connections:	Screw terminals 1,0 mm <sup>2</sup> (rigid wire)
Protection rating:	IP20

#### Feature/Equipment

- With base for surface mounting

#### VERSIONS

Connection in detector line	NO switch 70°C	533205		
Connection in drive line	NC switch 70°C	533200		

#### Heat sensitive detector clip 70°C

533201

**Application:** Heat detector for controlling of the emergency open function of a RWA group, for connection in the drive line.



Measuring element:	Bimetal switch with ceramic housing
Operating voltage:	24 V DC
Contact type:	<b>NC switch</b> at 70°C
Contact load:	48 V DC / 0,5 A
Standby current:	< 10 mA

#### Feature/Equipment

- No housing, connection in the **monitoring line of the drive output** of a RWA control unit

## ORDER DATA

Part.-No.

**NT-DRAN120-5 – Power supply 230 V AC / 24 V DC, 5 A****680005****Application:** Switching power supply for fixing on 35-mm mounting rail or external power supply of the ventilation modules LZA and LZH.**TECHNICAL DATA**

Operating voltage: 230 V AC (195 – 253 V AC, 50/60 Hz)  
 Power consumption max. : 322 W  
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)  
 Output current: **5 A**  
 Ambient temperature range: -5°C ... + 40°C  
 Housing: for fixing on 35-mm mounting rail  
 Dimensions (WxHxD): 65 x 95 x 123 mm

**Feature/Equipment**

- For installation in a control cabinet or comparable housing.

**NT-DRA240-10 – Power supply 230 V AC / 24 V DC, 10 A****680010****Application:** Switch mode power supply for power supply and control of drives 24 V DC for daily ventilation, with one ventilation line. Control in the OPEN / CLOSE direction via the 230 V AC mains voltage.**TECHNICAL DATA**

Operating voltage: 230 V AC (195 - 253 V AC, 50/60 Hz)  
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)  
 Output current: **10 A**  
 Ambient temperature range: -5°C ... + 40°C  
 Housing: for fixing on 35-mm mounting rail  
 Dimensions (WxHxD): 125 x 84 x 124 mm

**Feature/Equipment**

- For installation in a control cabinet or comparable housing.

**NT-DRA480-20 – Power supply 230 V AC / 24 V DC, 20 A****680024****Application:** Switch mode power supply for power supply and control of drives 24 V DC for daily ventilation, with one ventilation line. Control in the OPEN / CLOSE direction via the 230 V AC mains voltage.**TECHNICAL DATA**

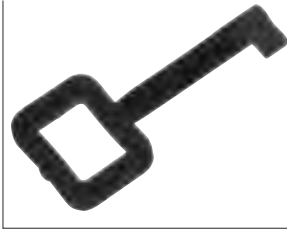
Operating voltage: 230 V AC (195 - 253 V AC, 50/60 Hz)  
 Output voltage: 24 V DC (20 – 28 V DC / 0,5 Vpp)  
 Output current: **20 A**  
 Ambient temperature range: -5°C ... + 40°C  
 Housing: for fixing on 35-mm mounting rail  
 Dimensions (WxHxD): 125 x 176 x 124 mm

**Feature/Equipment**

- For installation in a control cabinet or comparable housing.

### ORDER DATA

		Part.-No.		
<b>Key for plastic Break-glass unit (HSE plastic button)</b>		<b>527007</b>		
<b>Application:</b>	The plastic Break-glass units (HSE plastic button) have a lockable door. The key is used to open or close this door.			



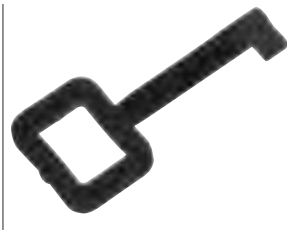
#### TECHNICAL DATA

Function:	for plastic Break-glass unit (HSE plastic button)
Material:	Polyamid PA 6.6
Colour:	white
Key:	1 piece

#### Feature/Equipment

- Suitable for all **AUMÜLLER** plastic Break-glass unit (HSE plastic buttons)

<b>Key for aluminium Break-glass unit (HSE aluminium button)</b>		<b>527008</b>		
<b>Application:</b>	The aluminium Break-glass units (HSE aluminium button) have a lockable door. The key is used to open or close this door.			



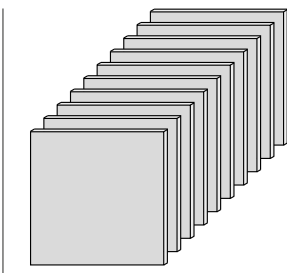
#### TECHNICAL DATA

Function:	for aluminium Break-glass unit (HSE aluminium button)
Material:	Metal
Type:	Schl-HM/10
Keys:	10 pieces

#### Feature/Equipment

- Suitable for all **AUMÜLLER** aluminium Break-glass unit (HSE aluminium buttons)

<b>Replacement glass panes for Break-glass unit (HSE button)</b>		<b>527002</b>		
<b>Application:</b>	Panels of glass for replacement on site.			



#### TECHNICAL DATA

Dimensions (W x H x D):	80 x 80 x 0,8
Glass panes:	10 pieces

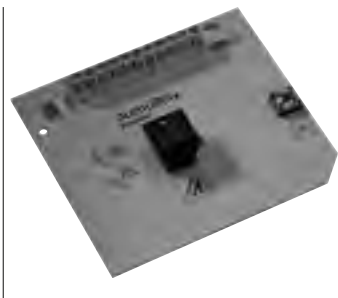
#### Feature/Equipment

- Suitable for all **AUMÜLLER** Break-glass unit (HSE buttons)



## ORDER DATA

				Part.-No.
<b>Circuit board for Break-glass unit (HSE button)</b>				
<b>Application:</b> Circuit board for Break-glass unit (HSE button) - with logo „Ferralux“. Can be exchanged on site - without subsequent processing.				

**TECHNICAL DATA**

Type:

**Ferralux DIN99-1 A-Z /A-B-S**, is equipped  
Installation in an ABS housing

For Control Unit:

EMB 7300, EMB 7200, EMB 7100, EMB 7000,  
EMB 8000, EMB 8000+

For housing type:

Plastic

## VERSIONS

<b>with certification VdS</b>	<b>528785</b>		
<b>without certification VdS</b>	<b>528784</b>		

<b>Circuit board for Break-glass unit (HSE button)</b>	<b>528782</b>		
<b>Application:</b> Circuit board for Break-glass unit (HSE button) - with logo „Ferralux“.			

**TECHNICAL DATA**

Type:

**Ferralux DIN AL4 orange**, is equipped  
Installation in an aluminum housing

For Control Unit:

EMB 7300, EMB 7200, EMB 7100, EMB 7000,  
EMB 8000, EMB 8000+

For housing type:

Aluminium

**Feature/Equipment**

- Can be exchanged on site - without subsequent processing.

## NOTES

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For this product series, a Type III Environmental Product Declaration (EPD) was issued according to ISO 14025 and EN 15804.  
The LCA results of the different product types are listed at the end of this product catalogue.  
The EPD documents can be viewed or downloaded from our homepage [www.aumueller-gmbh.de](http://www.aumueller-gmbh.de).